```
File 344:Chinese Patents Abs Aug 1985-2003/Apr
         (c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)
         (c) 2003 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2003/Oct W01
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031009,UT=20031002
         (c) 2003 WIPO/Univentio
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200366
         (c) 2003  Thomson Derwent
? ds

Set     Items   Description
S1       1932   AU=(JONES, K? OR JONES J?)
S2        245   DIGIMARC
S3          0   S1 AND WATERMARK?(10N)GATEWAY?
S4        211   (S1 OR S2) AND WATERMARK?
S5          8   S4 AND GATEWAY?
```

DIALOG(R)File 348:EUROPEAN PATENTS

01310674
Method and system for content commercialization
Verfahren und System zum Kommerzialisieren von Inhalten
Methode et systeme pour la commercialisation de contenus
PATENT ASSIGNEE:
  Alchemedia Ltd., (2893652), P.O. Box 400, Azor Tasia Har Tuv, Mercaz
    Ganir, Beit Shemesh 99100, (IL), (Applicant designated States: all)
INVENTOR:
  Goldman, Andrew, 73 Shimon Street, Beit Shemesh 99543, (IL)
  Goodman, Daniel Isaac, 130 Shimon Street, Beit Shemesh 99543, (IL)
  Schreiber, Daniel, 71 Shimon Street, Beit Shemesh 99453, (IL)
  Taragin, Jonathan Chaim, Nachal Shimshon 18/4, Ramat Beit Shemesh 99000,
    (IL)
LEGAL REPRESENTATIVE:
  Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. High Holborn
    2-5 Warwick Court, London WC1R 5DJ, (GB)
PATENT (CC, No, Kind, Date): EP 1120731 A2   010801 (Basic)
APPLICATION (CC, No, Date):   EP 2001300655 010125;
PRIORITY (CC, No, Date): US 493023 000127
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/60; G06F-001/00

ABSTRACT EP 1120731 A2
    A method for controlling the use and re-use of digital images,
    including the steps of providing by a first server computer to a client
    computer a digital image file including a digital image and including
    goods and services data, the goods and services data determining at least
    one link to at least one web page, displaying the digital image on the
    client computer, in response to a first interactive command performed by
    a user on the displayed digital image, further displaying the at least
    one link to at least one web page, and, in response to a second
    interactive command performed by the user on the displayed at least one
    link, delivering by a second server computer to the client computer, a
    web page indicated by the at least one link. A system is also described
    and claimed.
ABSTRACT WORD COUNT: 139
NOTE:
  Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 010801 A2 Published application without search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   ·Update   Word Count
      CLAIMS A (English) 200131   2192
      SPEC A   (English) 200131   7157
Total word count - document A   9349
Total word count - document B   0
Total word count - documents A + B 9349

...SPECIFICATION web publishers.
    Prior art techniques for protecting digital images include the
  embedding of invisible digital **water**marks within images, so that copies
  of protected images can be identified and traced. **Digimarc** Corporation
  of Lake Oswego, OR embeds hidden messages within pixel data for

identifying protected images, and tracks their distribution over the
Internet to monitor potential copyright infringement. **Digimarc** images
carry unique IDs that link to predetermined locations on the web.
Digimarc images are compatible with standard image formats, such as
JPEG, and can be opened and displayed by standard image readers. However, ·
when opened with a **Digimarc** reader, the images are displayed together
with a "Web look up" button that enables a user to identify the sources
of the images. **Digimarc** technology is described in U.S. Patents Nos.
5,862,260, 5,850,481, 5...

...5,745,604, 5,721,788, 5,710,834 and 5,636,292. Information about
Digimarc is available on the web at http://www. **digimarc** .com.
    These **watermarking** techniques are useful in thwarting digital image
piracy to the extent that they trace pirated...

...R) is a software application of Intellectual Protocols, LLC of Nanuet,
NY that uses digital **watermarking** and fingerprinting to protect images,
and includes a Java applet that disables the ability to...index 0 as
default values for the arrays.
    The cgi script PicPropsJS.pl is a **gateway** to the channel database. It
generates the channel data for Image1. As with the previous...

5/5,K/2   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00961419   **Image available**
METHOD AND APPARATUS FOR GENERATING AND MARKETING SUPPLEMENTAL INFORMATION
PROCEDE ET APPAREIL DE PRODUCTION ET MARKETING D'INFORMATION SUPPLEMENTAIRE
Patent Applicant/Assignee:
  WALKER DIGITAL LLC, Five High Ridge Park, Stamford, CT 06905, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  WALKER Jay S, 124 Spectacle Lane, Ridgefield, CN 06877, US, US
    (Residence), US (Nationality), (Designated only for: US)
  SUAREZ Jose A, 2285 North Street, Fairfield, CT 06430, US, US (Residence)
    , US (Nationality), (Designated only for: US)
  GOLDSTEIN Norman A, 5 Deerfield Lane, Scarsdale, NY 10583, US, US
    (Residence), US (Nationality), (Designated only for: US)
  JORASCH James A, 25 Forest Street Apt. 5G, Stamford, CT 06901, US, US
    (Residence), US (Nationality), (Designated only for: US)
  GOLDMAN Kevin L, 7 Harcourt Road, Scarsdale, NY 10583, US, US (Residence)
    , US (Nationality), (Designated only for: US)
  BURGESS Peter, 39 Lisa Lane, Stamford, CT 06903, US, US (Residence), US
    (Nationality), (Designated only for: US)
  FINCHAM Magdalena M, 3 Valley View Road, #24, Norwalk, CT 06851, US, US
    (Residence), US (Nationality), (Designated only for: US)
  GELMAN Geoffrey M, 21 Belltown Road, Stamford, CT 06905, US, US
    (Residence), US (Nationality), (Designated only for: US)
  SANTISI Steven M, 80 Lounsbury Lane, Ridgefield, CT 06877, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  SANTISI Steven M (et al) (agent), Walker Digital, LLC, Five High Ridge
    Park, Stamford, CT 06905, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200295527 A2 20021128 (WO 0295527)
  Application: WO 2002US13156 20020424 (PCT/WO US0213156)
  Priority Application: US 2001286173 20010424
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 29172

English Abstract
  The invention includes a process for providing incentives to sources to
  participate in interviews. Transcripts of interviews conducted according
  to a protocol are created that are saleable via, for example, the
  Internet. The protocol includes inserting tags into the recording to
  identify characteristics of the content of the recording. Further, the
  invention provides a method for redacting the recording using the
  inserted tags to generate a saleable version of the recording. The tags
  are used to exclude certain inappropriate content and to generate
  meta-data regarding the recording for marketing the recording. In some
  embodiments, interview participants may be compensated based upon sales
  of the recordings. Some embodiments of the invention include a recording
  device, a controller, and a user device. The recording device may be used
  to record an interview session between an interviewer and an interviewee.
  The recording device may communicate with the controller to convey the
  raw transcript of the interview session. The controller may include
  redacting software for modifying the interview transcript, and a voice
  recognition module for assisting in the redaction process. The voice
  recognition module may also assist in the creation of meta-tags
  describing the modified recording of the interview. The controller may
  further comprise a server for hosting Web pages. A user device in
  communication with the controller via the Internet may allow a user to
  peruse Web pages displaying the meta-tags and links that allow purchase
  of copies of associated interesting portions of the redacted interview
  transcripts as hosted by the controller.

French Abstract
  L'invention concerne un procede de mise en place d'incitations pour que
  des sources participent a des entretiens. Des transcriptions d'entretiens
  menes selon un protocole sont creees et peuvent etre mises en vente via
  l'Internet, par exemple. Le protocole comprend l'insertion de reperes
  dans l'enregistrement permettant d'identifier des caracteristiques du
  contenu de l'enregistrement. L'invention concerne, en outre, un procede
  de redaction de l'enregistrement par utilisation des reperes inseres afin
  de produire une version commercialisable de l'enregistrement. Les reperes
  sont utilises afin d'exclure certains contenus non appropries et de
  produire des metadonnees concernant l'enregistrement en vue de sa
  commercialisation. Dans certaines realisations, les participants aux
  entretiens peuvent etre defrayes sur la base des ventes des
  enregistrements. Certaines realisations de l'invention comprennent un
  dispositif d'enregistrement, une unite de commande et un dispositif
  utilisateur. Le dispositif d'enregistrement peut etre utilise afin
  d'enregistrer une session d'entretien entre un interviewer et un
  interviewe. Le dispositif d'enregistrement peut communiquer avec l'unite
  de commande afin d'acheminer la transcription brute de la session
  d'entretien. L'unite de commande peut comprendre un logiciel de redaction

destine a modifier la transcription de l'entretien, et un module de
reconnaissance vocale destine a assister le processus de redaction. Le
module de reconnaissance vocale peut aussi aider a la creation de reperes
meta decrivant l'enregistrement modifie de l'entretien. L'unite de
commande peut aussi comprendre un serveur destine a heberger des pages
web. Un dispositif utilisateur en communication avec l'unite de commande,
via l'Internet, peut permettre a un utilisateur de parcourir des pages
web affichant les reperes meta et des liens qui permettent l'achat de
copies de portions interessantes associees des transcriptions de
l'entretien redige hebergees par l'unite de commande.

Legal Status (Type, Date, Text)
Publication   20021128 A2 Without international search report and to be
                          republished upon receipt of that report.
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... in FIG.

  IB allows the third-party server I IO to serve as a single **gateway**
  between the nodes that will typically be operated by the owners of the
  information and...or over an online data network including commercial
  online service providers, bulletin board systems, routers, **gateways** ,
  and the like. In yet other embodiments, the devices may communicate with
  the controller 102...an interview freely available to the whole world. In
  other embodiments, a digital I 0 **watermark** is placed in the sound file.
  Digital **watermarking** is a well-known technology enabled by companies
  such as **Digimarc** (http://www. **digimarc** .com/).

  With digital **watermarking** , a sound file may be imperceptibly altered so
  as to contain embedded information about the 1 5 a digital **watermark**
  containing the consumer's name. If the consumer later tries to post a
  copy of the same file on the Web, the controller 102 would recognize the
  digital **watermark** in the file and may place sanctions on the consumer.
  There are many possible sanctions...still other embodiments, the
  digitized transcript of the interview may be digitally timestamped, or
  digitally **watermarked** . Many other ways of discouraging alterations are
  possible.

  Audio interviews are one type of content...

Claim
... The method of claim 68 wherein discouraging illegal copying and
   distribution includes inserting a digital **watermark** in the interview
   transcript.

  5/5,K/3   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00927890   **Image available**
EFFICIENT INTERACTIVE TV
TELEVISION INTERACTIVE FONCTIONNELLE
Patent Applicant/Assignee:
  DIGIMARC CORPORATION, 19801 SW 72nd Avenue, Suite 100, Tualatin, OR
   97062, US, US (Residence), US (Nationality), (For all designated states
   except: US

Patent Applicant/Inventor:
  LEVY Kenneth L, 110 N.E. Cedar Street, Stevenson, WA 98648, US, US
    (Residence), US (Nationality), (Designated only for: US)
  RODRIGUEZ Tony F, 3104 NE 31st Avenue, Portland, OR 97212, US, US
    (Residence), US (Nationality), (Designated only for: US)
  HIATT R Stephen, 3210 SW Gale Avenue, Portland, OR 97201, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  STEWART Steven W (agent), Digimarc Corporation, 19801 SW 72nd Avenue,
    Suite 100, Tualatin, OR 97062, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200262009 A1 20020808 (WO 0262009)
  Application: WO 2002US2572 20020128   (PCT/WO US0202572)
  Priority Application: US 2001265392 20010130; US 2001270782 20010220; US
    2001276543 20010315
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
  KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
  SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ.TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: H04L-009/00
International Patent Class: H04L-009/32; H04N-007/173
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 12818

English Abstract
  Content identifiers are provided to uniquely identify content, or a
  subset of content. The content identifiers are used to index
  corresponding interactive data. The interactive data may be maintained in
  a central base (106), or may be distributed to routers (104) in various
  subsets. In one embodiment, a set-top box (102) receives content in an
  interactive TV system. The content is digitally **watermarked** to include
  content identifiers. The set-top box (102) includes a **watermark**
  decoder, which detects the **watermark** identifier. The identifier is used
  to access information, such as interactive data (108). The interactive
  data (108) is then used to acces interactive content. In another
  embodiment, interactive data (108) and/or content are pushed to the.
  set-top box. In addition, the context of the situation can be
  communicated to improve the interactive experience.

French Abstract
  Le systeme decrit comprend des identificateurs de contenu permettant
  d'identifier de maniere specifique un contenu ou un sous-ensemble de
  contenu. Ces identificateurs de contenus permettent l'indexation des
  donnees interactives correspondantes. Les donnees interactives peuvent
  etre conservees dans une base (106) de donnees centrale ou peuvent etre
  distribuees a des routeurs (104) en differents sous-ensembles. Dans un
  mode de realisation, un decodeur (102) recoit un contenu dans un systeme
  de television interactive. Ce contenu est marque au moyen d'un filigrane
  numerique comprenant les identificateurs de contenu. Le decodeur (102)
  est equipe d'un decodeur de filigrane qui detecte l'identificateur
  filigrane. L'identificateur donne acces a des informations telles que des
  donnees (108) interactives. Ces donnees (108) interactives sont a leur
  tour utilisees pour acceder a un contenu interactif. Dans un mode de

realisation different, les donnees (108) interactives et/ou le contenu
sont charges dans le decodeur. Pour ameliorer l'experience interactive,
le contexte d'une situation peut en outre etre communique.

Legal Status (Type, Date, Text)
Publication   20020808 A1 With international search report.
Publication   20020808 A1 Before the expiration of the time limit for
                          amending the claims and to be republished in the
                          event of the receipt of amendments.
Examination   20030116 Request for preliminary examination prior to end of
                       19th month from priority date

Patent Applicant/Assignee:
  DIGIMARC CORPORATION...
Fulltext Availability:
  Detailed Description
  Claims

English Abstract
  ...set-top box (102) receives content in an interactive TV system. The
  content is digitally **watermarked** to include content identifiers. The
  set-top box (102) includes a **watermark** decoder, which detects the
  watermark identifier. The identifier is used to access information, such
  as interactive data (108). The interactive...

Detailed Description
... display.

00894441   **Image available**
PORTABLE DEVICES AND METHODS EMPLOYING DIGITAL WATERMARKING
DISPOSITIFS PORTATIFS ET PROCEDES UTILISANT UN MARQUAGE NUMERIQUE
Patent Applicant/Assignee:
   DIGIMARC CORPORATION, Suite 100, 19801 S.W. 72nd Avenue, Tualatin, OR
   97062, US, US (Residence), US (Nationality), (For all designated states
   except: US
Patent Applicant/Inventor:
   RHOADS Geoffrey B, 2961 SW Turner Road, West Linn, OR 97068, US, US
   (Residence), US (Nationality), (Designated only for: US)
   DAVIS Bruce L, 15599 Village Drive, Lake Oswego, OR 97034, US, US
   (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
   CONWELL William Y (agent), Digimarc Corporation, Suite 100, 19801 SW 72nd
   Avenue, Tualatin, OR 97062, US,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200227431 A2-A3 20020404 (WO 0227431)
   Application: WO 2001US30238 20010926   (PCT/WO US0130238)
   Priority Application: US 2000670115 20000926
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
   CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
   KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
   SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
   (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06K-009/00
Publication Language: English
Filing Language: English
Fulltext Availability:
   Detailed Description
   Claims
Fulltext Word Count: 14287

English Abstract
   Portable consumer electronic devices featuring image- or audio-capture
   capabilities, such as cell phones, wristwatches, digital cameras,
   personal digital assistants, and MP3 players, are becoming increasingly
   prevalent. **Watermark** information embedded in the captured content can
   be used to trigger distribution of corresponding content (web pages, high
   fidelity audio, etc.) from on-line repositories. Thus for example, music
   "heard" by a user's cell phone microphone (10) can be processed and used
   to trigger the electronic delivery of a high fidelity version (20) of the
   same (or different) music to the portable device (22) or to the user's
   home computer (22). Likewise, an object "shown" to a cell phone camera
   (10) can initiate a link to a corresponding web page, launch a
   corresponding application program, or otherwise control the device. The
   watermark can be decoded from the content in the consumer device, or the
   content can be transferred to a remote device (14) for decoding.
Legal Status (Type, Date, Text)
Publication 20020404 A2 Without international search report and to be
                         republished upon receipt of that report.
Search Rpt   20020704 Late publication of international search report
Republication 20020704 A3 With international search report.
Examination   20021128 Request for preliminary examination prior to end of
                         19th month from priority date

PORTABLE DEVICES AND METHODS EMPLOYING DIGITAL WATERMARKING
Patent Applicant/Assignee:
  DIGIMARC CORPORATION...
Fulltext Availability:
  Detailed Description
  Claims

English Abstract
  ...cell phones, wristwatches, digital cameras, personal digital
  assistants, and MP3 players, are becoming increasingly prevalent.
  Watermark information embedded in the captured content can be used to
  trigger distribution of corresponding content...

  ...a corresponding web page, launch a corresponding application program, or
  otherwise control the device. The **watermark** can be decoded from the
  content in the consumer device, or the content can be...

5/5,K/5   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00863531   **Image available**
**SYSTEM AND METHOD OF PROVIDING AND AUTHENTICATING WORKS OF AUTHORSHIP BASED
    ON WATERMARK TECHNIQUE**
**SYSTEME ET PROCEDE DE FOURNITURE ET D'AUTHENTIFICATION D'OEUVRES DE
    L'ESPRIT EN FONCTION DE TECHNIQUES DE FILIGRANE**
Patent Applicant/Assignee:
  MARKANY INC, Ssanglim Bldg. 10Fl., 151-11, Ssanglim-dong, Chung-gu, Seoul
    100-400, KR, KR (Residence), KR (Nationality), (For all designated
    states except: US)
Patent Applicant/Inventor:
  CHOI Jong-Uk, 2-1301 Seongwon APT., 1, Wooi-dong, Dobong-gu, Seoul
    142-090, KR, KR (Residence), KR (Nationality), (Designated only for:
    US)
  LEE Won-Ha, 106-1704, Ssangryong APT., 64, Imun 3-dong, Dongdaemun-gu,
    Seoul 130-083, KR, KR (Residence), KR (Nationality), (Designated only
    for: US)
Legal Representative:
  KOREANA PATENT FIRM (agent), Dong-Kyong Bldg. 824-19, Yoksam-dong,
    Kangnam-ku, Seoul 135-080, KR,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200197128 A1 20011220 (WO 0197128)
  Application: WO 2001KR997 20010611 (PCT/WO KR0100997)
  Priority Application: KR 200031945 20000610
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
  SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/60
Publication Language: English
Filing Language: Korean
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 8876

English Abstract
   The supply of works of authorship and their authentication are provided
   by a service system and method for supplying and authenticating digital
   data works of authorship based on a **watermarking** system. The works of
   authorship including invisible information on a copyright is provided
   through this system. In the event that illegal use of original works of
   authorship is sensed, the illegal copy and use of multimedia contents
   could be prevented by presenting accurate technical evidence to support
   the information on a copyright through authentication of an
   authentication organization and thereby the protection of a copyright is
   possible. Authentication of a copyright of the contents is performed by
   the steps of imbedding and extracting of a digital **watermark** such as a
   logo or signature of a copyright holder on a data.
Legal Status (Type, Date, Text)
Publication   20011220 A1 With international search report.
Examination   20020502 Request for preliminary examination prior to end of
                      19th month from priority date

**SYSTEM AND METHOD OF PROVIDING AND AUTHENTICATING WORKS OF AUTHORSHIP BASED
   ON** WATERMARK **TECHNIQUE**
Fulltext Availability:
  Detailed Description
  Claims

English Abstract
   ...system and method for supplying and authenticating digital data works
   of authorship based on a **watermarking** system. The works of authorship
   including invisible information on a copyright is provided through this
   ...
   ...of the contents is performed by the steps of imbedding and extracting of
   a digital **watermark** such as a logo or signature of a copyright holder
   on a data.

Detailed Description
   SYSTEM AND METHOD OF PROVIDING AND AUTRENTICATING WORKS
   OF AUTHORSHIEP BASED ON **WATERMARK** TECHNIQUE
   Technieal Field
   The present invention relates to a service system and method for supply
   ...

...mark)ng and authenticating a copyright based on a method and device, in
   which a **watermark** is embedded into the data of a digital content
   (digital image, digital audio, digital video, digital document, etc.) and
   the embedded **watermark** is extracted. More particularly, this invention
   relates to a service system and method for supplying...

...data by selling or providing data, in which copyright information is
   hidden in an image **watermark** form, to users on the internet, and
   settling copyright-involved distribution by using an authentication...

...by which an encrypted data is available to offly a specific user and a
   digital **watermarking** technique where copyright information is hidden in
   data, which data is then transmitted to a user without the data being
   deformed outwardly.

   Among these technical solutions, as a **watermarking** is a copyright
   protection technique of digital data, it can be considered a copyright
   indication...

...holder by hiding copyright information in data and extracting again the hidden copyright information.

As **watermarking** embedding methods, there are provided a Spatial Method in which a subtle transformation is applied...

...data such as pixels of a screen and the like to be used as a **watermark**; Discrete Cosine Transform (DCT) in which digital-type data are converted to analog signals of frequency components and then a **watermark** converted by the same method is embedded; Fast Fourier Transform (FFT); and a Freq'uency Domain Method using wavelet transform.

A **watermarking** technique adopted by the present invention for copyright lo protection is to embed a "mark" which protects the original information. Such method is divided into a visible **watermarking** tecimique perceptible to the human eye and an invisible **watermarking** technique imperceptible to the human eye.

As the visible **watermarking** teclmique is a type of overwriting copyright
information on the original, it generally prevents a...

5/5,K/6   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00827978   **Image available**
 WATERMARK **ENCODER AND DECODER ENABLED SOFTWARE AND DEVICES**
LOGICIELS ET DISPOSITIFS ACTIVES. PAR DES CODEURS ET DES DECODEURS DE FILIGRANE
Patent Applicant/Assignee:
  DIGIMARC CORPORATION, 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062, US, US (Residence), US (Nationality), (For all designated states except: US
Patent Applicant/Inventor:
  RAMOS Daniel O, 16869 SW Hargis Road, Beaverton, OR 97007, US, US (Residence), US (Nationality), (Designated only for: US)
  JONES Kevin C, 4850 NW Neskowin Ave., Portland, OR 97229, US, US (Residence), US (Nationality), (Designated only for: US)
  RHOADS Geoffrey B, 2961 SW Turner Road, West Linn, OR 97068, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  MEYER Joel R (agent), Digimarc Corporation, 19801 S.W. 72nd Avenue, Suite 250, Tualatin, OR 97062, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200161508 A1 20010823 (WO 0161508)
  Application: WO 2001US4812 20010214   (PCT/WO US0104812)
  Priority Application: US 2000183681 20000217; US 2000191778 20000324; US 2000636102 20000810
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-013/00
International Patent Class: G06F-015/16; H04L-009/00
Publication Language: English

Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 17935

English Abstract

  Watermark encoders and decoders are integrated into operating systems,
  Internet browsers (300), media players, and other applications and
  devices. Such integration enables the **watermark** -enabled application
  (304) or device to provide additional functionality and information (302)
  available via the **watermark** . The **watermark** , for example, may link to
  metadata or actions related to a media object. To exploit this **watermark**
  enabled functionality, the integrated application uses a **watermark**
  decoder to access the related metadata and actions. The user interface of
  the integrated application is enhanced to present metadata and actions
  linked via the **watermark** . Similarly, **watermark** encoders may be
  integrated into applications to convert media objects into enhanced,
  watermarked objects.
Legal Status (Type, Date, Text)
Publication   20010823 A1 With international search report.
Publication   20010823 A1 Before the expiration of the time limit for
                          amending the claims and to be republished in the
                          event of the receipt of amendments.
Examination   20011220 Request for preliminary examination prior to end of
                          19th month from priority date
Correction   20021031 Corrected version of Pamphlet: pages 1/13-13/13,
                          drawings, replaced by new pages 1/13-13/13; due to
                          late transmittal by the receiving Office
Republication 20021031 A1 With international search report.

WATERMARK **ENCODER AND DECODER ENABLED SOFTWARE AND DEVICES**
Patent Applicant/Assignee:
  DIGIMARC CORPORATION...
Fulltext Availability:
  Detailed Description
  Claims

English Abstract

  Watermark encoders and decoders are integrated into operating systems,
  Internet browsers (300), media players, and other applications and
  devices. Such integration enables the **watermark** -enabled application
  (304) or device to provide additional functionality and information (302)
  available via the **watermark** . The **watermark** , for example, may link to
  metadata or actions related to a media object. To exploit this **watermark**
  enabled functionality, the integrated application uses a **watermark**
  decoder to access the related metadata and actions. The user interface of
  the integrated application is enhanced to present metadata and actions
  linked via the **watermark** . Similarly, **watermark** encoders may be
  integrated into applications to convert media objects into enhanced,
  watermarked objects.

Detailed Description
... the begin- with international search report ning of each regular issue
of the PCT Gazette.
  WATERMARK ENCODER AND DECODER ENABLED SOFTWARE
AND DEVICES
Related Application Data
This patent application claims priority...

...patent application is also related to US Patent Applications 09/525,865 entitled Integrating Digital **Watermarks** into Multimedia Content filed March 15, 2000, 09/563,664 entitled Connected Audio and Other...

...Technical Field
The invention relates to digital waterniarking, and specifically relates to applications of digital **watermark** encoders and decoders in software and devices.

Background and Summa
Digital waterniarking is a process...

...line, wordor character shifting), software, multi-dimensional graphics models, and surface textuies of objects.

Digital **watermarking** systems typically have two primary components: an encoder that embeds the **watermark** in a host media signal, and a decoder that detects and reads the embedded **watermark** from a signal suspected of containing a **watermark** (a suspect signal). The encoder embeds a **watermark** by altering the host media signal.

5/5,K/7 **(Item 6 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00486184 **Image available**
METHOD FOR GENERATING AND VERIFYING DEGITAL WATERMARKS **AND FOR EXCHANGING DATA CONTAINING DIGITAL** WATERMARKS
PROCEDE DE GENERATION ET DE VERIFICATION DE FILIGRANES NUMERIQUES ET D'ECHANGE DE DONNEES CONTENANT DES FILIGRANES NUMERIQUES
Patent Applicant/Assignee:
  DIGITAL COPYRIGHT TECHNOLOGIES AG,
  HERRIGEL Alexander,
  O'RUANAIDH Joseph J K,
  PUN Thierry,
Inventor(s):
  HERRIGEL Alexander,
  O'RUANAIDH Joseph J K,
  PUN Thierry,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9917536 A1 19990408
  Application: WO 98IB1500 19980928   (PCT/WO IB9801500)
  Priority Application: EP 97810708 19970926
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
  MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
  US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
  BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
  GN GW ML MR NE SN TD TG
Main International Patent Class: H04N-001/32
International Patent Class: H04N-007/26
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 17664

English Abstract
  A method for generating digital **watermarks** and for exchanging data containing such **watermarks** is described. It is based on a **watermarking**

technique which is robust against image transformation techniques such as compression, rotation, translation, scaling and/or change of proportion. It uses modulation of the magnitude components in Fourier space and adds/reads a template in the log-polar or log-log transform of the magnitude components. The template is used for analyzing scaling and rotation or change of proportion. In addition, the system applies cryptographic protocols and public key techniques for both, encoding the **watermark** and transferring **watermarked** data. Preferably, an author (CH) encodes the **watermark** using an asymmetric cryptographic key pair provided by a public key infrastructure (PKI) and registers the **watermarked** data at a trusted registration party (CCC) before transmitting the data to a receiving party (B). The latter can use the public key infrastructure (I) for verifying autorship. Data exchanged by the parties are encrypted using the cryptographic keys. In addition, image (video) originality verification is supported by the same asymmetric key pair as for content protection and for copyright protection.

METHOD FOR GENERATING AND VERIFYING DEGITAL WATERMARKS AND FOR EXCHANGING DATA CONTAINING DIGITAL WATERMARKS

Fulltext Availability:
  Detailed Description
  Claims

English Abstract
  A method for generating digital **watermarks** and for exchanging data containing such **watermarks** is described. It is based on a **watermarking** technique which is robust against image transformation techniques such as compression, rotation, translation, scaling and...

  ...In addition, the system applies cryptographic protocols and public key techniques for both, encoding the **watermark** and transferring **watermarked** data. Preferably, an author (CH) encodes the **watermark** using an asymmetric cryptographic key pair provided by a public key infrastructure (PKI) and registers the **watermarked** data at a trusted registration party (CCC) before transmitting the data to a receiving party...

Detailed Description
  Method for generating and verifying digital **watermarks** and for exchanging data containing digital **watermarks**
  Cross References to Related Applications
  This application claims the priority of Euro
  pean patent application...

  ...its entirety.

  Technical Field
  The present invention relates to methods for generating and verifying digital **watermarks** and for transmitting data containing digital **watermarks** according to the preamble of the independent claims.

  Background Art
  2 0
  Digital **watermarking** is a method for marking data sets, such as images, sound or video. A digital...

  ...s usability but that
  25 can be detected using dedicated analysis software or ap

paratus. **Watermarking** can e.g. be used for marking
authorship or ownership of a data set. It...

...of originality refers to the
3o degree of contents modification suffered by the image.

5/5,K/8   (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00450375   **Image available**
AN AUTOMATED DOCUMENT PROCESSING SYSTEM USING FULL IMAGE SCANNING
SYSTEME AUTOMATISE DE TRAITEMENT DE DOCUMENTS A LECTURE OPTIQUE PLEIN CADRE
Patent Applicant/Assignee:
  CUMMINS-ALLISON CORP,
Inventor(s):
  JONES John E ,
  JONES William J,
  MENNIE Douglas U,
  JONES Paul A
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9840839 A2 19980917
  Application: WO 98US4664 19980311   (PCT/WO US9804664)
  Priority Application: US 97814978 19970311
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
  MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU
  ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK
  ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
  TD TG
Main International Patent Class: G06K-009/00
International Patent Class: G06F-017/60; B07C-005/00
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 66302

English Abstract
  A document processing system comprises an input receptacle for receiving
  documents. A transport mechanism (18) receives the documents from the
  input receptacle (16) and transports the documents past a full image
  scanner (12) and a discrimination unit (14). An output receptacle (20)
  receives the documents from the transport mechanism (18) after being
  transported past the full image scanner (12) and the discrimination unit
  (14). The full image scanner (12) includes means for obtaining a full
  video image of said documents, means for obtaining an image of a selected
  area of said documents, and means for obtaining information contained in
  said selected area of said document. The discrimination unit (14)
  includes means for determining the authenticity of said document. A
  system controller (10) directs the flows of documents over the transport
  mechanism.
Inventor(s):
  JONES John E ...
Fulltext Availability:
  Detailed Description

Detailed Description
... communicate.

  Another image processing network is described in connection with FIG. Iv.

In this network, **gateways** are used to connect networks which have different network architectures. **Gateways** use all seven layers of the OSI model and perform protocol conversion functions at the ring interface coupler (TIC) **gateway** 6150b. TIC **gateway** 6150b provides connections to token ring networks 6156, 6160, and 6164 which include other full image scanners.

The highest performance LAN **gateway** is the link between a token-ring network 6156 and the image processing device's FEP 6105a via the TIC **gateway** 6150b. The TIC 6150b permits a 4 mbps or 16 mbps connection depending upon the...

...any units on the token-ring network 6156.

The network also contains a remote LAN **gateway** which functions as a **gateway** to another token ring LAN 6162. For example, the **gateway** 6161 functions as a cluster controller and communicates with the FEP using EBM's SDLC...

...protocol and contain full image scanners) can also communicate with the host via X.25 **gateways** . A **gateway** 6151 with an adapter card functions as a cluster controller and runs special **gateway** 6151 software that runs over a given protocol and communicates with the X.25 network. A local coaxial **gateway** 6160 is also provided which allows a workstation on the LAN to emulate a distributed...

...terminal (DFT) mode of processing.

It should be realized that the units connected to particular **gateways** are in no way limited to use with a particular **gateway** . In fact, the **gateways** and units can be interchanged and other types of equipment can be used to structure...of currency include electrical conductivity sensing, capacitive sensing (U.S. Pat. No. 5,122,754 [**watermark** , security thread]; 3,764,899 [thickness]; 3,815,021 [dielectric properties]; 5,151,607 [security...